

APPLYING STYLES TO VISUAL ASPECTS OF USER INTERFACE
ELEMENTS

ABSTRACT

5 The visual appearance of a user interface element can be specified in a visual
style document divorced from its semantic implementation. The visual style document
can be used to specify a visual style including a set of sub-elements used for composing
composite user interface element. Selected properties of the sub-elements may be
exposed as properties of the composite element itself such that values specified for
10 properties of the composite user interface element can be consumed by corresponding
properties of the sub-elements. The style document can also be used to specify values
for selected visual properties described in a named resource that may be independent of
the style document. Changes in functional aspects of selected sub-elements of
composite user interface elements can be used to drive changes in properties of the
15 composite user interface element or other sub-elements by triggering commands that the
other elements may be responsive to.